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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.		
10/698,946	11/03/2003	Robert Hammond-Smith	MERCK-2779	5031		
23599 MILLEN, WH	7590 01/29/2007 ITE, ZELANO & BRAN	EXAMINER WU, SHEAN CHIU				
2200 CLAREN	•					
SUITE 1400 ARLINGTON.	VA 22201		ART UNIT	PAPER NUMBER		
,,,			1756			
	Target of the second	NAME OF THE OWNER.	1	W MODE		
SHORTENED STATUTOR	Y PERIOD OF RESPONSE	MAIL DATE	DELIVER	Y MODE		
3 MO	NTHS	01/29/2007	PAPER			

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

		Applicati	on No.	Applicant(s)			
Office Action Summary		10/698,9	46	HAMMOND-SMITH ET AL.			
		Examine		Art Unit			
		Shean C.		1756			
Period fo	The MAILING DATE of this communication r Reply	appears on the	e cover sheet with the c	orrespondence address			
WHIC - Exter after - If NO - Failu Any r	CRTENED STATUTORY PERIOD FOR RICHEVER IS LONGER, FROM THE MAILIN isions of time may be available under the provisions of 37 CI SIX (6) MONTHS from the mailing date of this communication period for reply is specified above, the maximum statutory per to reply within the set or extended period for reply will, by seply received by the Office later than three months after the part of the patent term adjustment. See 37 CFR 1.704(b).	G DATE OF The Transport of the Transport of the Transport of Transport	HIS COMMUNICATION ent, however, may a reply be tirr ill expire SIX (6) MONTHS from dication to become ABANDONE	I. ely filed the mailing date of this communication (35 U.S.C. § 133).			
Status							
1)⊠	Responsive to communication(s) filed on	30 October 200	96.				
•							
,	closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.						
Dispositi	on of Claims						
4)⊠	Claim(s) 1-26 is/are pending in the applica	ition.					
	4a) Of the above claim(s) is/are withdrawn from consideration.						
	☑ Claim(s) <u>1-15 and 20-26</u> is/are allowed.						
6)⊠	Claim(s) <u>16-19</u> is/are rejected.						
7)							
	Claim(s) are subject to restriction a	nd/or election r	equirement.				
Applicati	on Papers						
9)□	The specification is objected to by the Exa	miner.					
	10)☐ The drawing(s) filed on is/are: a)☐ accepted or b)☐ objected to by the Examiner.						
,	Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).						
	Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).						
11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.							
Priority u	nder 35 U.S.C. § 119						
 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. 							
	e of References Cited (PTO-892)		4) Interview Summary				
3) Inform	e of Draftsperson's Patent Drawing Review (PTO-946 nation Disclosure Statement(s) (PTO/SB/08) r No(s)/Mail Date	3)	Paper No(s)/Mail Da 5) Notice of Informal P 6) Other:		*		

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DETAILED ACTION

1. The indicated allowability of claims 16-19 are withdrawn in view of the new rejections. See below section.

2. Claims 16-19 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

In Claim 16, the claim language "comprising a polymeris(z)able liquid crystal material according to claim 13, or a liquid crystal polymer, liquid crystal pigment, oriented liquid crystal polymer film or marking obtained from said polymeris(z)able liquid crystal material" is vague because the claimed "liquid crystal polymer, liquid crystal pigment, oriented liquid crystal polymer film or marking" obtained from polymeris(z)able liquid crystal material is not clearly defined. Are these claimed invention obtained from the polymeris(z)able liquid crystal material according to claim 13 or something else?

In Claim 17, the claim language "comprising a polymerizable liquid crystal material according to claim 13, or a liquid crystal polymer, liquid crystal pigment, oriented liquid crystal polymer film or marking obtained from said polymerizable liquid crystal material" is vague because the claimed "liquid crystal polymer, liquid crystal pigment, oriented liquid crystal polymer film or marking" obtained from polymerizable liquid crystal material is not clearly defined. Are these claimed invention obtained from the polymerizable liquid crystal material according to claim 13 or something else?

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What is different invention between claim 16 and claim 17 for the liquid crystal polymer, liquid crystal pigment, oriented liquid crystal polymer film or marking obtained from polymerizable liquid crystal material? The liquid crystal polymer and liquid crystal pigment are already claimed in claims 14 and 15, respectively.

Response to Arguments

3. Applicant's arguments filed 10/30/06, with respect to the rejections of claim in the previous Office action have been fully considered and are persuasive. Therefore, the rejection has been withdrawn. However, upon further consideration, new grounds of rejection are made in the section above.

Allowable Subject Matter

- 4. Claims 1-15 and 20-26 are allowed.
- 5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Shean C. Wu whose telephone number is 571-272-1393. The examiner can normally be reached on 9:30 AM to 6:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mark Huff can be reached on 571-272-1385. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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